

### **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the subject application:

#### **Listing of Claims:**

1.-12. (Canceled)

13. (Currently Amended) A system comprising:

an object having high thermal dissipating properties (high thermal dissipating object);

a first sensor communicatively coupled to the high thermal dissipating object to sense a temperature of the high thermal dissipating object;

at least one second sensor communicatively coupled to the system to sense an air temperature of the system, wherein one of the at least one second sensors is located in close proximity to a first fan, and a second one of the at least one second sensors is located in close proximity to a second fan;

a heat sink in adjacent contact with the high thermal dissipating object, the heat sink having a main section located nearest the high thermal

dissipating object, and an extended section farthest from the high thermal dissipating object;

the first fan to direct airflow towards the main section of the heat sink;

the second fan to direct airflow towards the extended section of the heat sink; and

a memory to store a computer program to receive temperature data from the first sensor and the at least one second sensor, and to vary the speeds of the first fan and the second fan based on the received temperature data.

14. (Cancel)
15. (Original) The system of claim 13, wherein the first fan is co-planar with the second fan.
16. (Original) The system of claim 13, wherein the heat sink additionally comprises fins on the main section and the extended section.
17. (Original) The system of claim 16, wherein the fins on the main section of the heat sink are denser than the fins on the extended section of the heat sink.
18. (Canceled)

19. (Original) The system of claim 16, wherein the fins on the main section of the heat sink are spaced about equally, and about the same size as the fins on the extended section of the heat sink.
20. (Previously Presented) A system comprising:
- an object having high thermal dissipating properties (high thermal dissipating object);
  - a first sensor communicatively coupled to the high thermal dissipating object to sense a temperature of the high thermal dissipating object;
  - at least one second sensor communicatively coupled to the system to sense an air temperature of the system;
  - a heat sink in adjacent contact with the high thermal dissipating object, the heat sink having a main section located nearest the high thermal dissipating object, and an extended section farthest from the high thermal dissipating object, the sections having fins and being connected by a high heat conductivity material, and the fins on the extended section being twice the spacing as the fins on the main section;
  - a first fan;
  - a second fan; and

a memory to store a computer program to:

detect a first set of conditions and a second set of conditions; and

cause the first fan and the second fan to operate in accordance  
with the first and second set of conditions.

21. (Canceled)

22. (Canceled)

23.-26. (Canceled)

27. – 30. (Canceled)

31. (Previously Presented) The system of claim 17, wherein the fins on the  
main section of the heat sink are shorter than the fins on the extended  
section of the heat sink.